

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
 Data File : PL090958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2024 08:04
 Operator : AR\AJ
 Sample : PB162601BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162601BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/21/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 12 01:55:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.786	42440047	36203573	21.919	20.941
28) SA Decachlor...	9.057	7.927	33806471	37589898	23.530	22.520
Target Compounds						
2) A alpha-BHC	4.000	3.290	148.3E6	139.8E6	53.679	56.765
3) MA gamma-BHC...	4.331	3.620	141.1E6	132.9E6	53.638m	56.776
4) MA Heptachlor	4.921	3.960	132.7E6	131.8E6	53.651	56.833
5) MB Aldrin	5.263	4.240	127.7E6	125.7E6	53.109	56.691
6) B beta-BHC	4.529	3.918	66803152	58500248	53.065	55.000
7) B delta-BHC	4.776	4.148	132.4E6	127.9E6	52.905	57.212
8) B Heptachlo...	5.689	4.743	119.9E6	114.4E6	52.771	56.134
9) A Endosulfan I	6.073	5.112	111.1E6	107.2E6	53.013	55.520
10) B gamma-Chl...	5.944	4.992	119.6E6	118.8E6	52.936	55.627
11) B alpha-Chl...	6.023	5.056	118.8E6	118.1E6	53.058	55.367
12) B 4,4'-DDE	6.196	5.245	106.5E6	105.8E6	53.716	56.417
13) MA Dieldrin	6.348	5.377	117.5E6	116.0E6	53.572	56.189
14) MA Endrin	6.576	5.651	101.5E6	102.8E6	55.404m	56.246m
15) B Endosulfa...	6.797	5.946	105.1E6	101.8E6	52.405	56.027
16) A 4,4'-DDD	6.712	5.799	89540409	87820302	54.314	56.596
17) MA 4,4'-DDT	7.026	6.049	95186249	91417066	53.392	55.128m
18) B Endrin al...	6.926	6.125	82099893	78954195	54.514	55.766
19) B Endosulfa...	7.161	6.347	97028027	97903004	54.096	56.083
20) A Methoxychlor	7.501	6.625	50888621	50360307	53.329	54.560
21) B Endrin ke...	7.645	6.853	108.6E6	112.7E6	54.788	56.848
22) Mirex	8.119	7.034	84647976	92500025	54.454	55.082

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
Data File : PL090958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2024 08:04
Operator : AR\AJ
Sample : PB162601BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162601BS

Manual Integrations

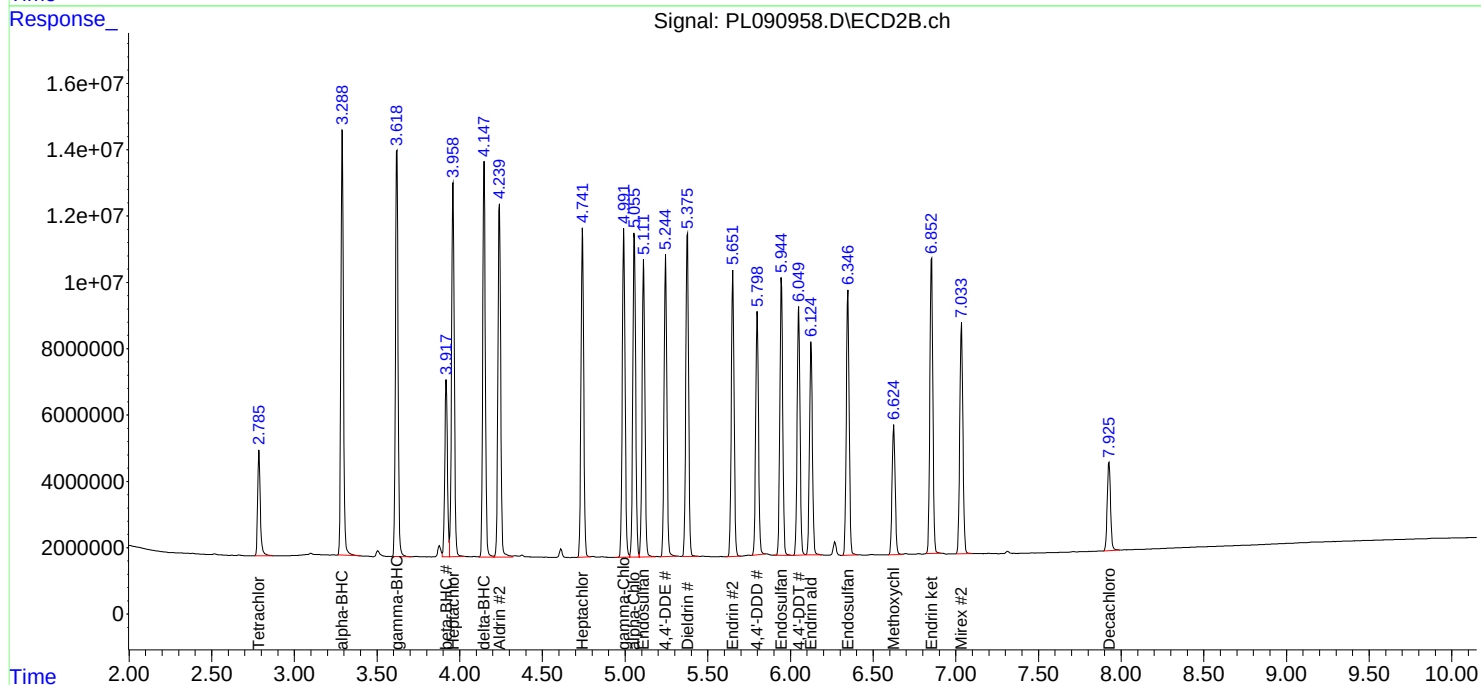
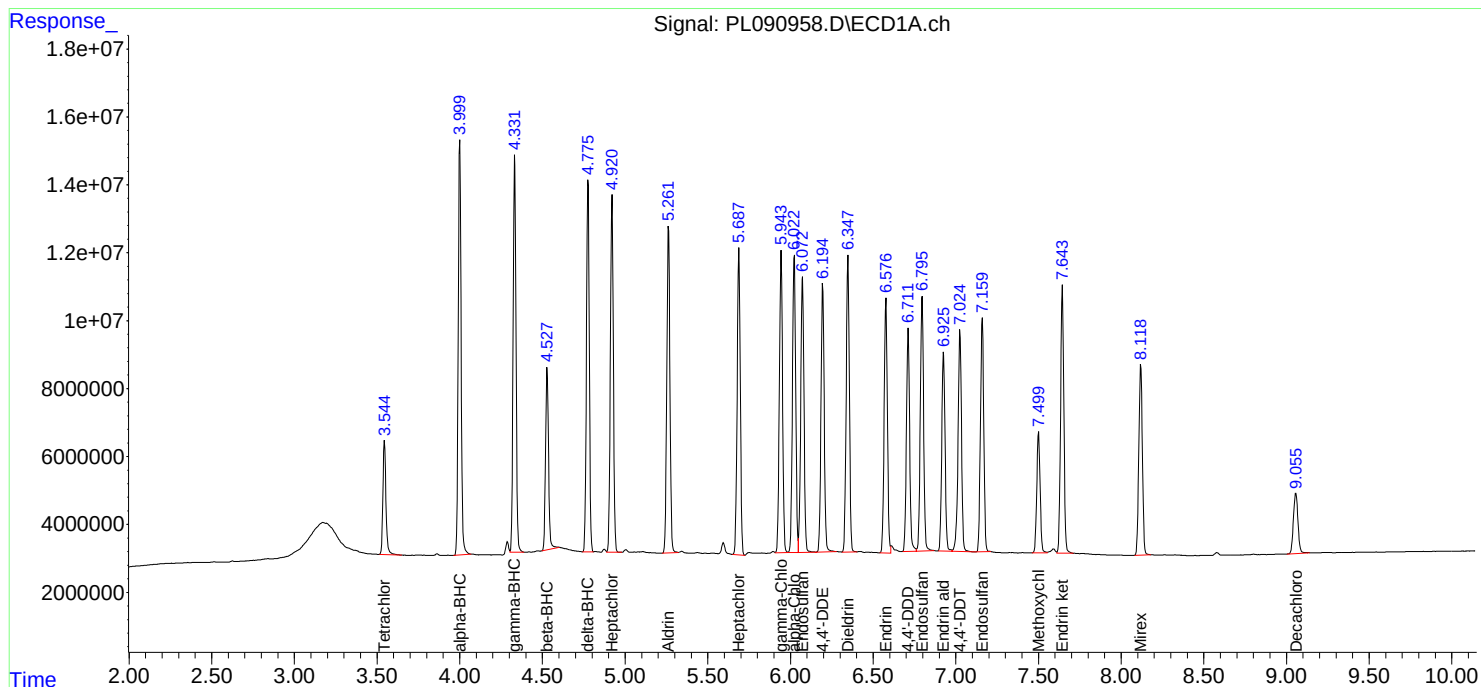
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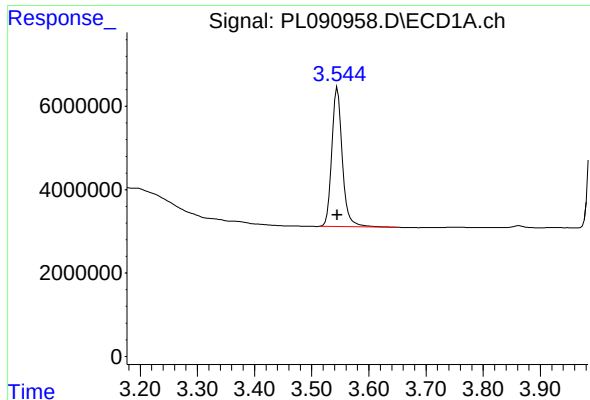
Reviewed By :Abdul Mirza 08/21/2024

Supervised By :Ankita Jodhani 08/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 01:55:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





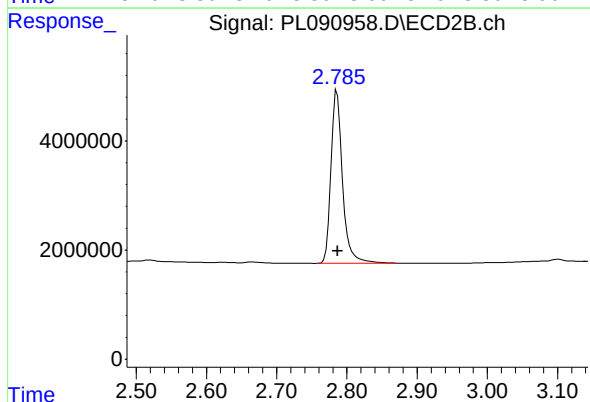
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 42440047
Conc: 21.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

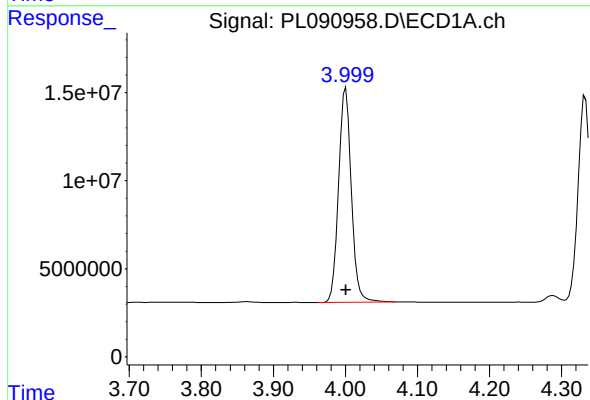
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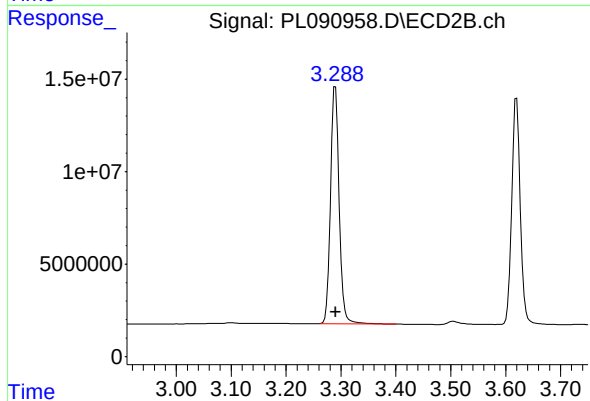
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 36203573
Conc: 20.94 ng/ml



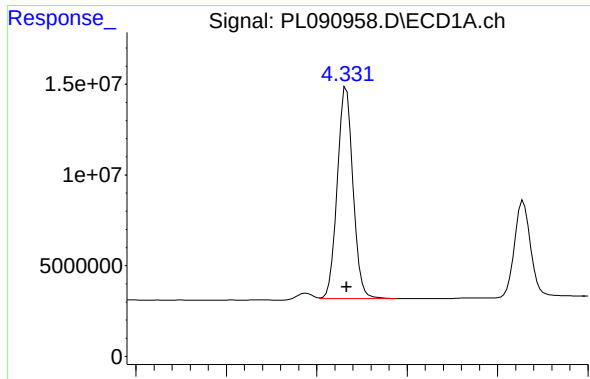
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 148271009
Conc: 53.68 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 139836525
Conc: 56.76 ng/ml



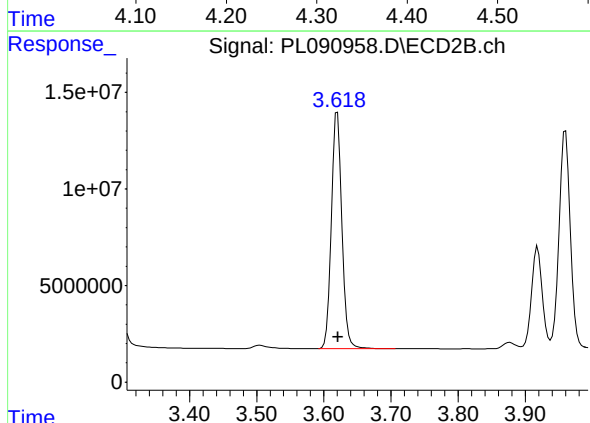
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 141071251
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

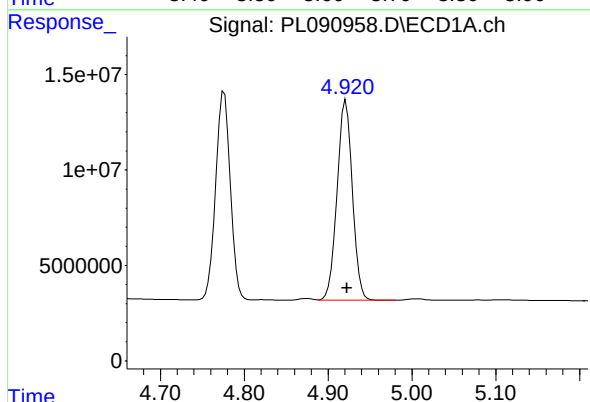
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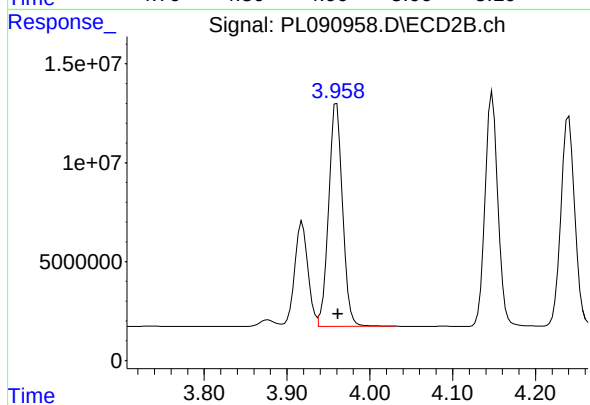
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 132924864
Conc: 56.78 ng/ml



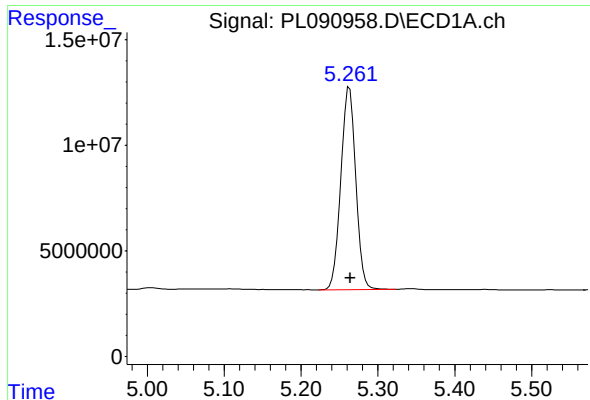
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 132682924
Conc: 53.65 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 131770426
Conc: 56.83 ng/ml



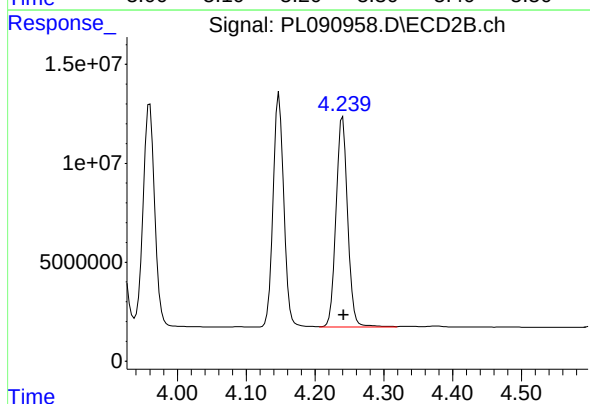
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 127661895
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

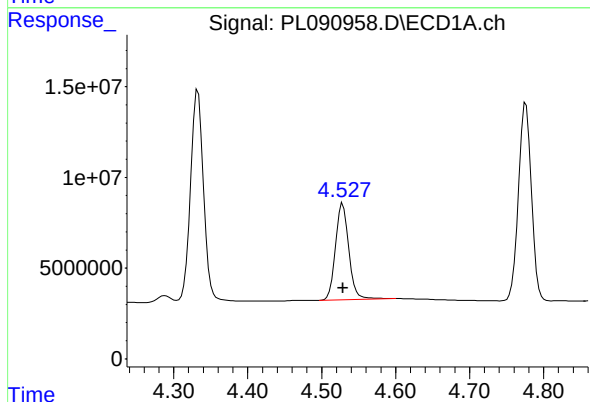
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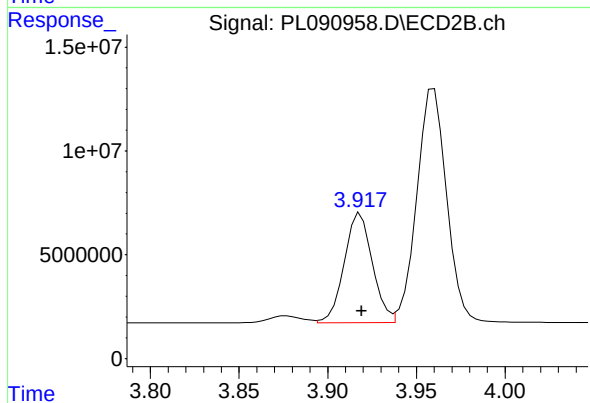
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 125687891
Conc: 56.69 ng/ml



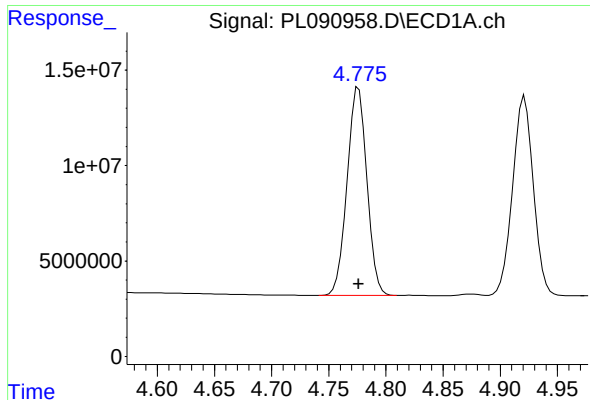
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 66803152
Conc: 53.06 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 58500248
Conc: 55.00 ng/ml



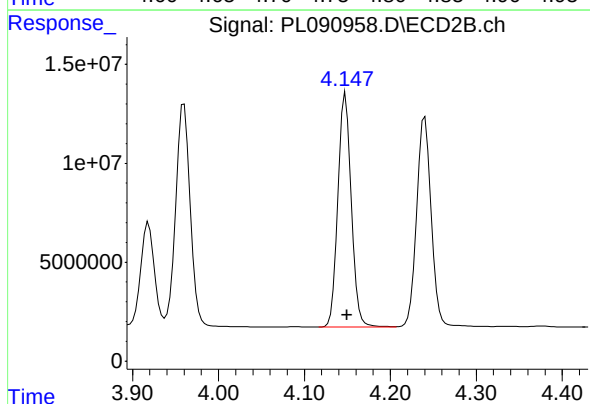
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 132447788
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

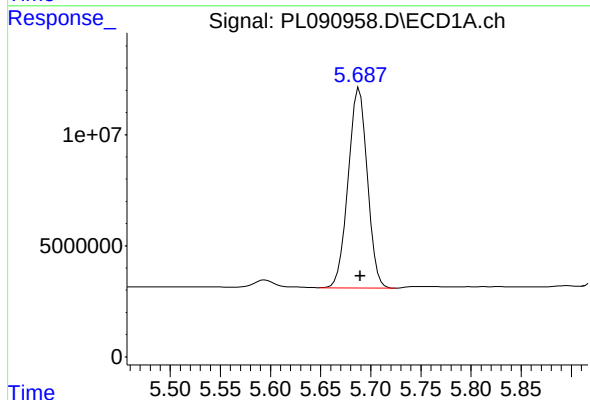
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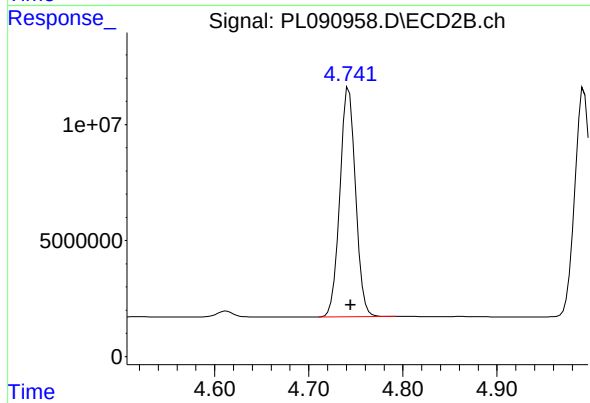
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.001 min
Response: 127856436
Conc: 57.21 ng/ml



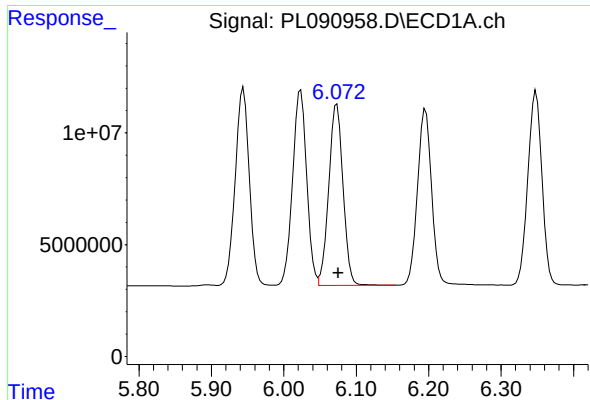
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 119920237
Conc: 52.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 114419806
Conc: 56.13 ng/ml



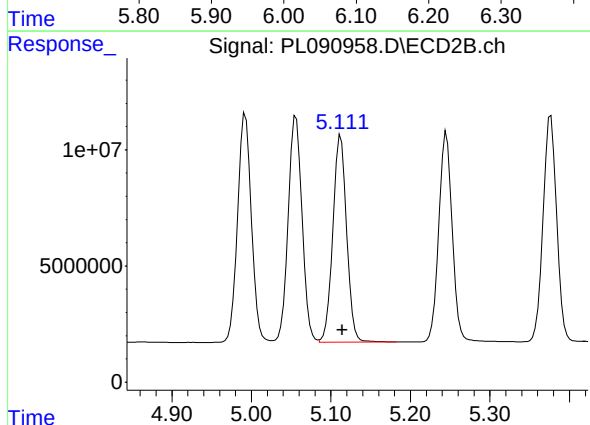
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 111125364
Conc: 53.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

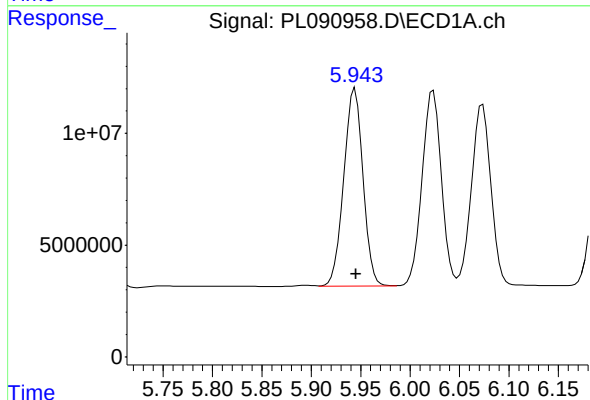
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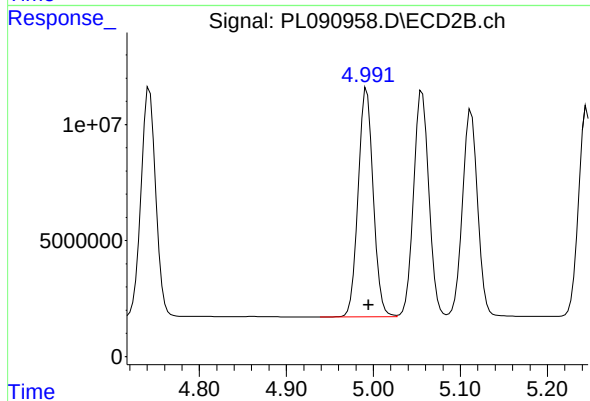
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 107214036
Conc: 55.52 ng/ml



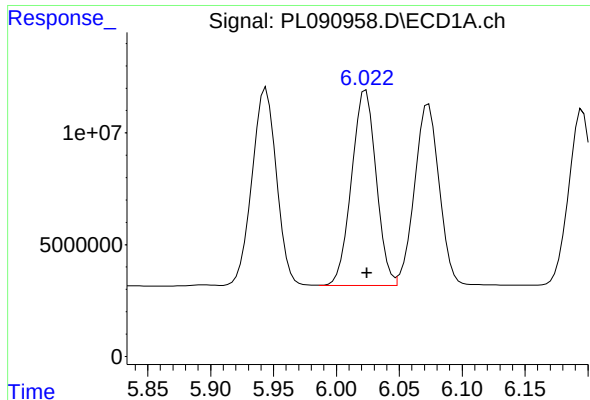
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 119610094
Conc: 52.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: -0.002 min
Response: 118797702
Conc: 55.63 ng/ml



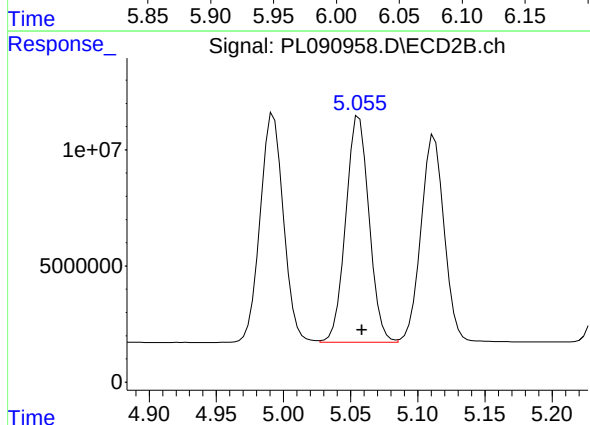
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 118828180
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

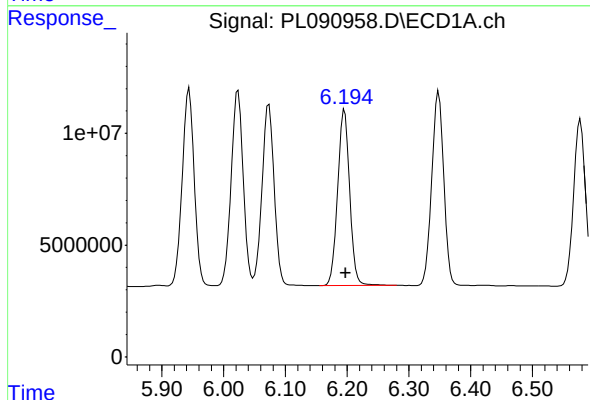
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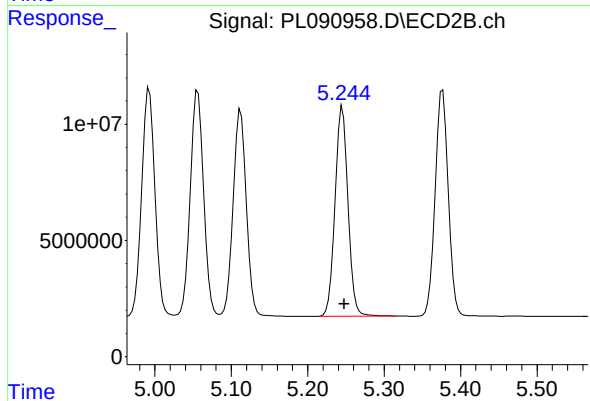
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.002 min
Response: 118130805
Conc: 55.37 ng/ml



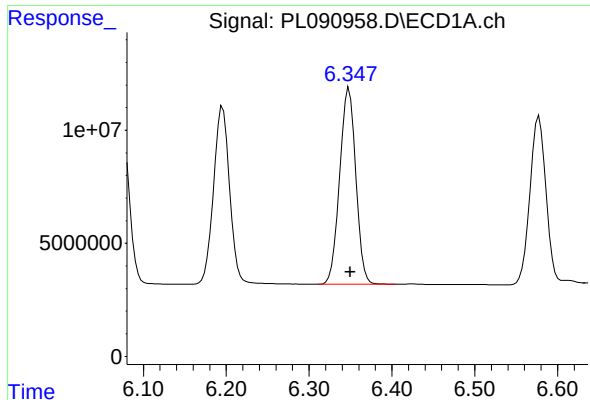
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 106485709
Conc: 53.72 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 105832210
Conc: 56.42 ng/ml



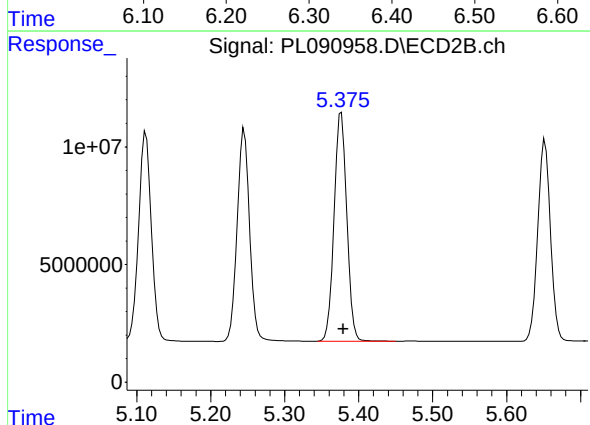
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 117501160
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

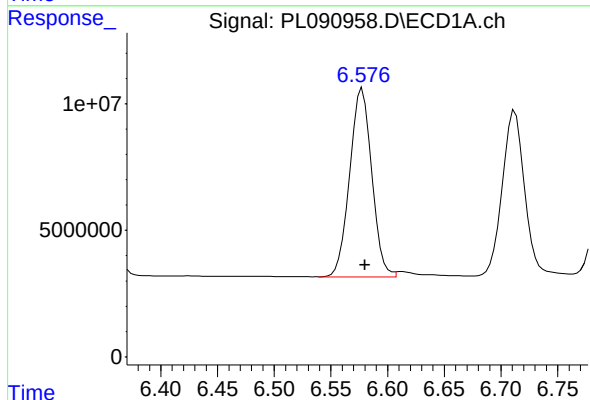
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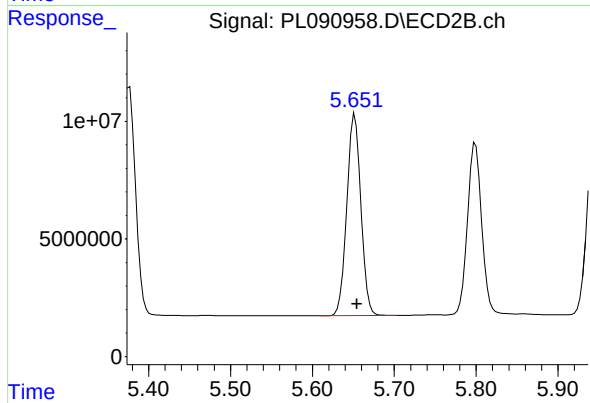
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 116016481
Conc: 56.19 ng/ml



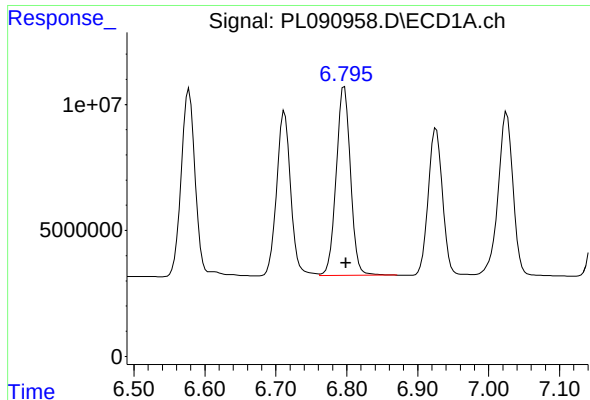
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 101469744
Conc: 55.40 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 102774066
Conc: 56.25 ng/ml m



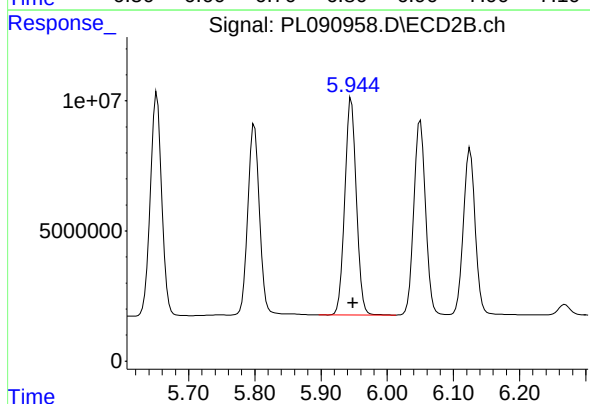
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 105090027
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

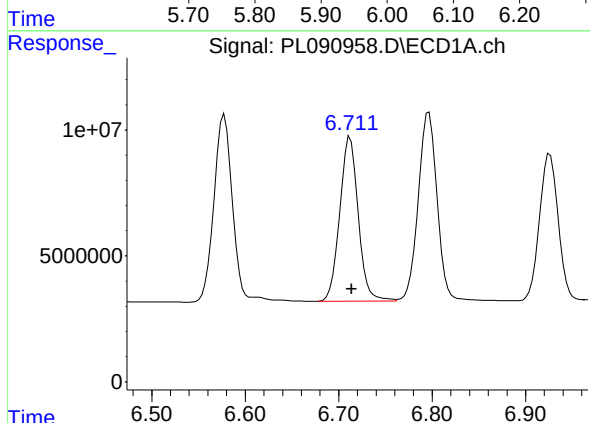
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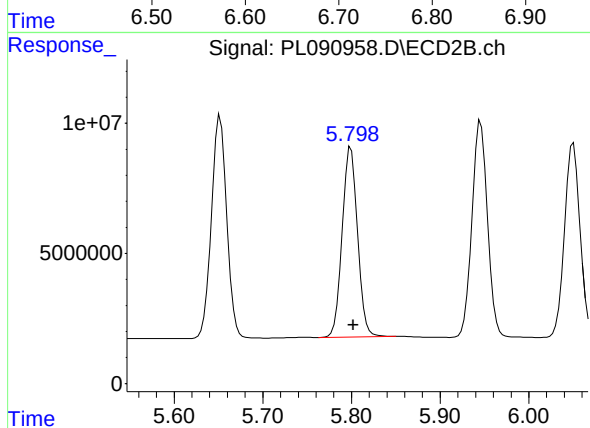
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 101759898
Conc: 56.03 ng/ml



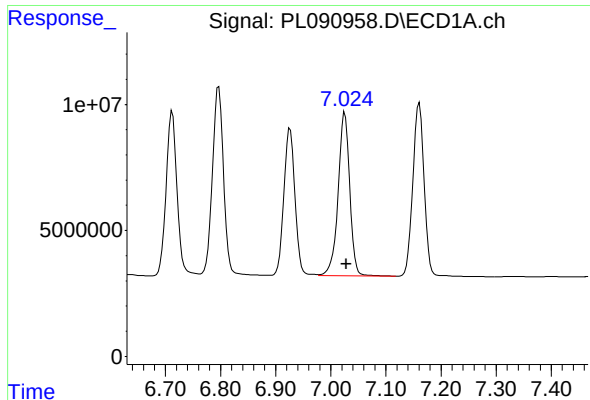
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 89540409
Conc: 54.31 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 87820302
Conc: 56.60 ng/ml



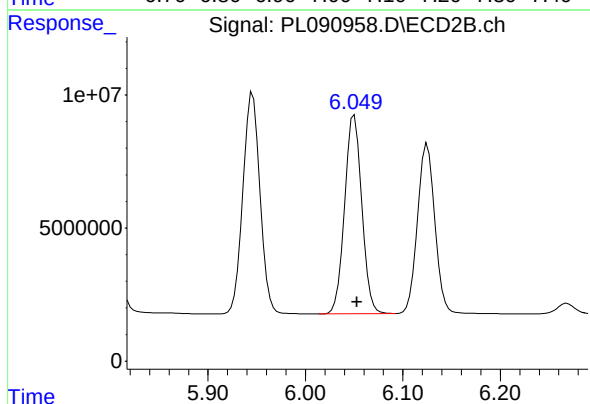
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.003 min
Response: 95186249
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

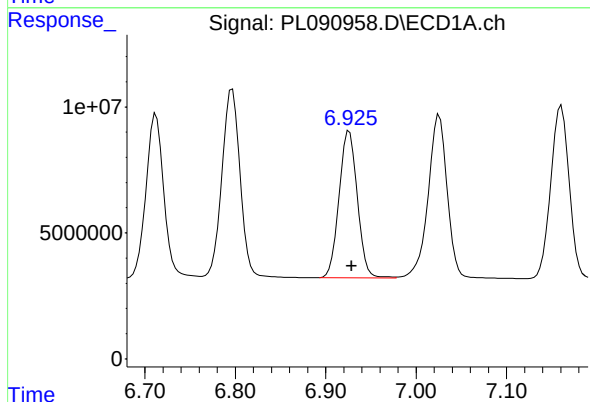
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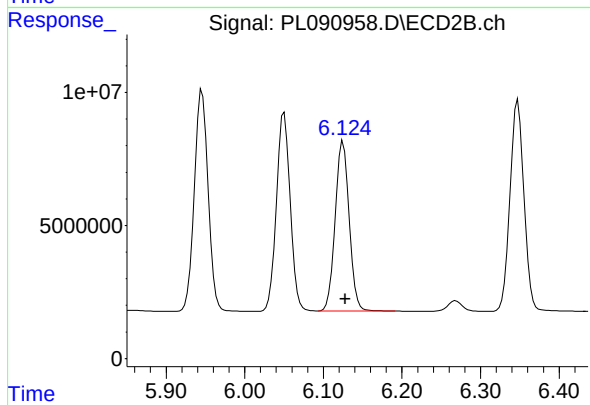
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 91417066
Conc: 55.13 ng/ml



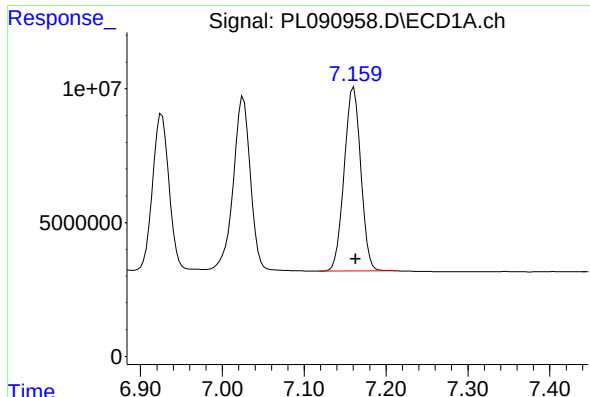
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.003 min
Response: 82099893
Conc: 54.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 78954195
Conc: 55.77 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 97028027
Conc: 54.10 ng/ml

Instrument :

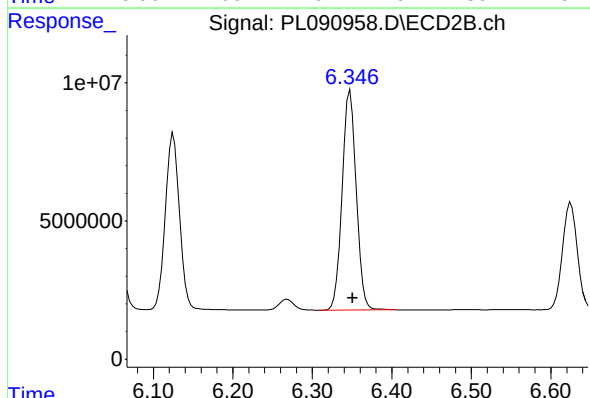
ECD_L

ClientSampleId :

PB162601BS

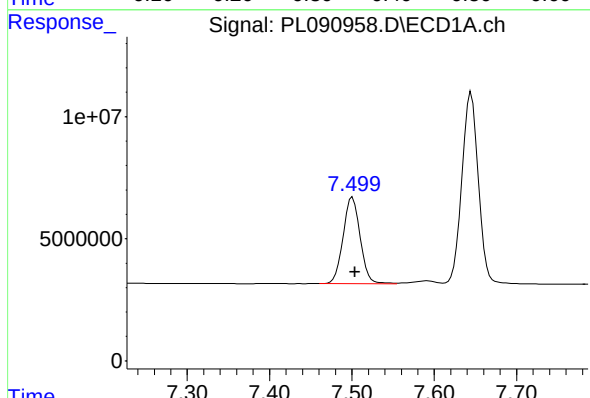
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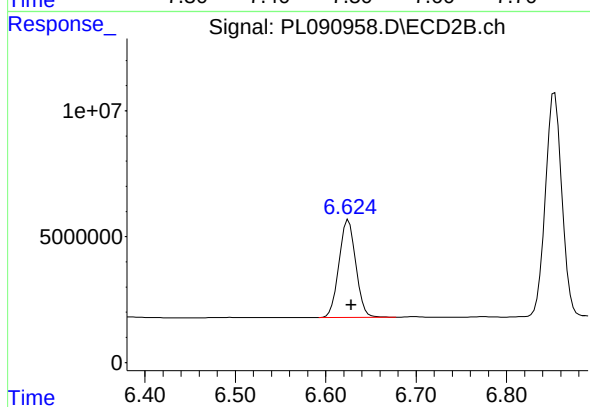
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 97903004
Conc: 56.08 ng/ml



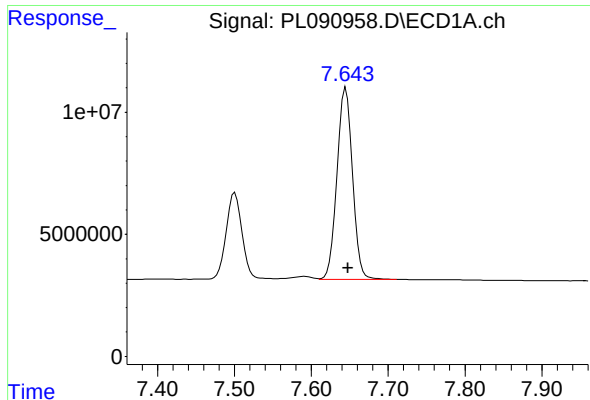
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.003 min
Response: 50888621
Conc: 53.33 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 50360307
Conc: 54.56 ng/ml



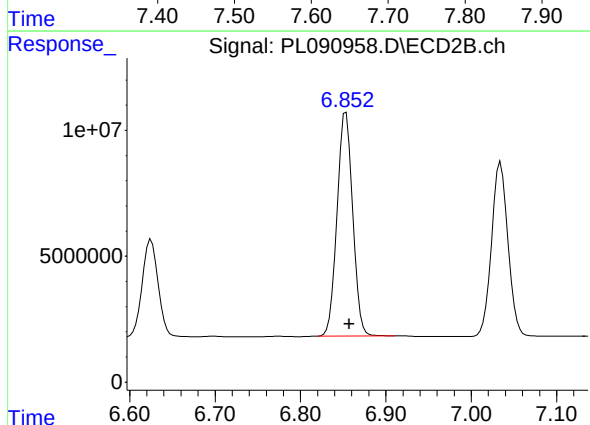
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 10855553
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

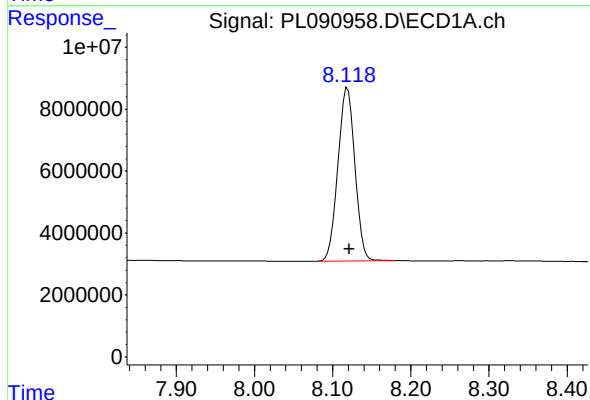
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Reviewed By :Abdul Mirza 08/21/2024
Supervised By :Ankita Jodhani 08/23/2024



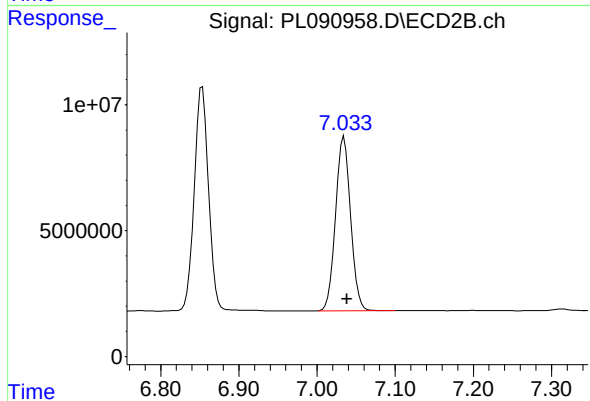
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 112666875
Conc: 56.85 ng/ml



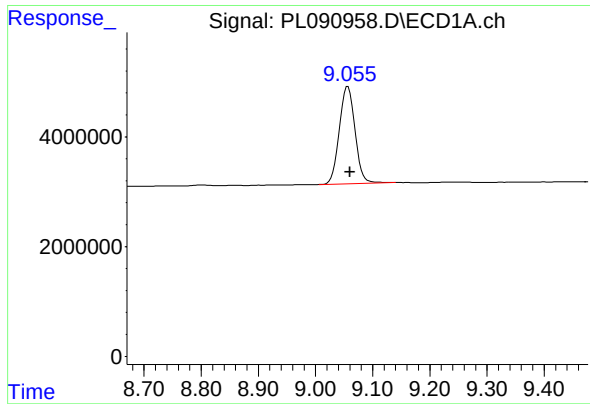
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 84647976
Conc: 54.45 ng/ml



#22 Mirex

R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 92500025
Conc: 55.08 ng/ml



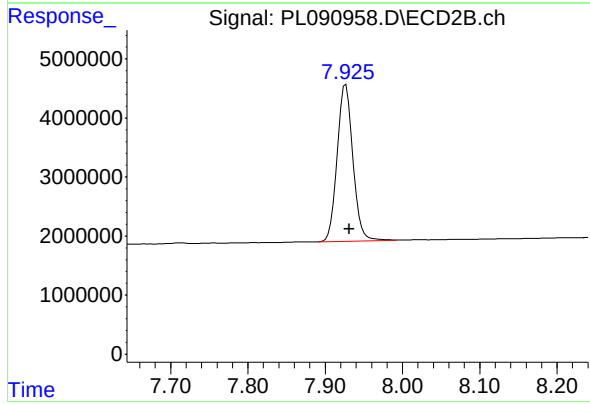
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 33806471
Conc: 23.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162601BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/21/2024
Supervised By :Ankita Jodhani 08/23/2024



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.004 min
Response: 37589898
Conc: 22.52 ng/ml